



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Byron B. Han *et al.*
APPLICATION NO.: 09/990,887
FILING DATE: November 21, 2001
TITLE: STORAGE VOLUME HANDLING SYSTEM WHICH UTILIZES DISK
IMAGES
EXAMINER: UNKNOWN
GROUP ART UNIT: 2754
ATTY. DKT. NO.: 18602-06514 (P2016R1)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Missing Parts, Commissioner For Patents, Washington, DC 20231, on the date shown below:

Dated: March 29, 2002

By: [Signature]

Kirk A. Gottlieb, Reg. No. 42,596

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INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO-1449 listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;

- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of

information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND


- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant request that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☒ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. 08/713,500, filed on September 13, 1996, now U.S. Patent No. 5,991,542, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d). However, copies of the references are provided herein for the Examiner's convenience.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,

BYRON B. HAN *et al.*

Dated: March 29, 2002

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FORM PTO-1449 (REV. 6-89) U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Attorney's Docket No. 18602-06514 Application No. 09/990,887 Applicant Byron B. Han <i>et al.</i> Filing Date November 21, 2001 Group Art Unit 2754				
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/J.M./	A1	5,838,910	03/1996	Domenikos <i>et al.</i>	395	200
/J.M./	A2	5,778,384	07/1998	Provino <i>et al.</i>	707	200
/J.M./	A3	5,604,906	02/1997	Murphy <i>et al.</i>	395	712
/J.M./	A4	5,555,416	09/1996	Owens <i>et al.</i>	395	700
/J.M./	A5	5,504,842	04/1996	Gentile	395	114
/J.M./	A6	5,493,649	02/1996	Slivka <i>et al.</i>	395	185
/J.M./	A7	5,452,454	09/1995	Basu	395	700
/J.M./	A8	5,426,645	06/1995	Haskin	370	118
/J.M./	A9	5,394,534	02/1995	Kulakowski <i>et al.</i>	395	425
/J.M./	A10	5,374,916	12/1994	Chu	340	146
/J.M./	A11	5,367,698	11/1994	Webber <i>et al.</i>	395	800
/J.M./	A12	5,363,487	11/1994	Willman <i>et al.</i>	395	275
/J.M./	A13	5,353,061	10/1994	Rodriguez <i>et al.</i>	348	409
/J.M./	A14	5,325,532	06/1994	Crosswy <i>et al.</i>	395	700
/J.M./	A15	5,298,992	03/1994	Pietras <i>et al.</i>	348	415
/J.M./	A16	5,230,052	07/1993	Dayan <i>et al.</i>	395	700
/J.M./	A17	5,179,378	01/1993	Ranganathan <i>et al.</i>	341	51
/J.M./	A18	5,001,628	03/1991	Johnson <i>et al.</i>	364	200
/J.M./	A19	4,864,572	09/1989	Rechen <i>et al.</i>	371	2
EXAMINER /Jason Mitchell/			DATE CONSIDERED 03/17/2009			
EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						